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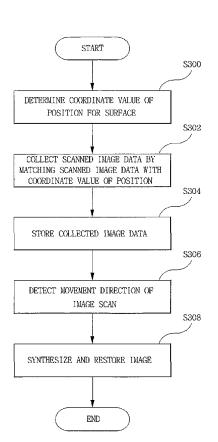
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(54) Title: METHOD OF SCANNING AN IMAGE USING SURFACE COORDINATE VALUES AND DEVICE USING THEREOF

(57) Abstract: A surface coordinate image mapping technology (SCIMT) syn-
thesizing and restoring images by using the coordinate value of the surface of
the scanned object and matching image data thereto is disclosed. The coordinate
value of the position for a surface having the image data of the scanned object is
determined. The image data is matched with the coordinate value of the position
for the determined surface and collected. The entire image is synthesized by using
the coordinate value matched with the collected image data. By performing image
scanning following the above process, the entire image can be restored regardless
of the size of the image data of the scanned object even when a small sized scan-
ning device is used. Also, regardless of the scanning direction, the entire image
can be easily synthesized and restored freely by a single continuous scan.

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